 <p>IDS Form PTO/SB/08: Substitute for form 1449A/PT</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(Use as many sheets as necessary)</p>			<p>Complete if Known</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>10/505,474</td> </tr> <tr> <td>Filing Date</td> <td>August 24, 2004</td> </tr> <tr> <td>First Named Inventor</td> <td>Akira TSUKAMOTO et al.</td> </tr> <tr> <td>Art Unit</td> <td>1633</td> </tr> <tr> <td>Examiner Name</td> <td>Unassigned</td> </tr> <tr> <td>Attorney Docket Number</td> <td>04853.0118-00000</td> </tr> </table>		Application Number	10/505,474	Filing Date	August 24, 2004	First Named Inventor	Akira TSUKAMOTO et al.	Art Unit	1633	Examiner Name	Unassigned	Attorney Docket Number	04853.0118-00000
Application Number	10/505,474															
Filing Date	August 24, 2004															
First Named Inventor	Akira TSUKAMOTO et al.															
Art Unit	1633															
Examiner Name	Unassigned															
Attorney Docket Number	04853.0118-00000															
Sheet	1	of	1													

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials	Cite No. ¹	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
/JE/		CN 1188830 A	07-29-1998			Yes

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translati on ⁶
/JE/		Office Action dated May 19, 2006, for Chinese Patent Application No. CN 2003809195, 2 pages.	No

Examiner Signature	/Janet Epps Ford/	Date Considered	04/30/2007
-----------------------	-------------------	--------------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



IDS Form PTO/SB/08: Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10/505,474
				Filing Date	August 24, 2004
				First Named Inventor	Akira TSUKAMOTO
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	04853.0118-00000

115 U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials	Cite No. ¹	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			

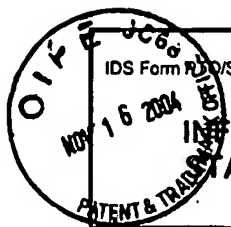
Note: Copies of the U.S. Patent Documents are not Required in IDS filed after October 21, 2004

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
/JE/		EP 1 029 922 A2	08-23-2000			
/JE/		JP 11-127863 A	05-18-1999			Yes-Abstract Only
/JE/		JP 2000-106887	04-18-2000			Yes-Abstract Only

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ⁶
/JE/		AKAMATSU et al., "Influence of White-Rot Fungi on Poplar Chips and Thermo-Mechanical Pulping of Fungi-Treated Chips," <i>Mokuzai gakkaiishi</i> , 30(8):697-702 (1984).	Yes - Abstract Only
/JE/		ANDER and ERIKSSON, "Influence of Carbohydrates on Lignin Degradation by the White-Rot Fungus <i>Sporotrichum pulverulentum</i> ," <i>Svensk Papperstidning nr 18</i> :643-652 (1975).	
		ANDER and ERIKSSON, "Mekanisk massa från förrotad flis - en inledande undersökning," <i>Svensk Papperstidning nr 18</i> :641-642 (1975).	Yes-Abstract Only
		BAJPAI et al., "Biokraft Pulping of Eucalyptus with Selected Lignin-Degrading Fungi," <i>Journal of Pulp and Paper Science</i> , 27(7):235-239 (2001).	
		BAR-LEV et al., "Fungal Treatment Can Reduce Energy Requirements for Secondary Refining of TMP," <i>Tappi Journal</i> , 111-113 (1982).	
		CHEN and SCHMIDT, "Improving Aspen Kraft Pulp by a Novel, Low-Technology Fungal Pretreatment," <i>Wood and Fiber Science</i> , 27(2):198-204 (1995).	
		DUMONCEAUX et al., "Cellobiose Dehydrogenase Is Essential for Wood Invasion and Nonessential for Kraft Pulp Delignification by <i>Trametes versicolor</i> ," <i>Enzyme and Microbial Technology</i> , 29:478-489 (2001).	
		DUMONCEAUX et al., "Cloning and Sequencing of a Gene Encoding Cellobiose Dehydrogenase from <i>Trametes versicolor</i> ," <i>Gene</i> , 210:211-219 (1998).	
		ERIKSSON et al., "Oxidation: An Important Enzyme Reaction in Fungal Degradation of Cellulose," <i>FEBS Letters</i> , 49(2):282-285 (1974).	
		ERIKSSON and VALLANDER, "Properties of Pulp from Thermomechanical Pulping of Chips Pretreated with Fungi," <i>Svensk Papperstidning</i> , 6:R33-R38 (1982).	
		HENRIKSSON et al., "A Critical Review of Cellobiose Dehydrogenases," <i>Journal of Biotechnology</i> , 78:93-113 (2000).	
/JE/		IGARASHI et al., "Cellobiose Dehydrogenase Enhances <i>Phanerochaete chrysosporium</i> Cellobiohydrolase I Activity by Relieving Product Inhibition," <i>Eur. J. Biochem</i> , 253:101-106 (1998).	

Examiner Signature	/Janet Epps Ford/	Date Considered	04/30/2007
--------------------	-------------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



IDS Form PTO/SB/08: Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 2

Complete if Known

Application Number	10/505,474
Filing Date	August 24, 2004
First Named Inventor	Akira TSUKAMOTO
Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	04853.0118-00000

/JE/	KASHINO et al., "Biomechanical Pulping Using White-Rot Fungus IZU-154," <i>Tappi Journal</i> , 76(12):167-171 (1993).	
	LI et al., "Cellobiose Dehydrogenase from <i>Phanerochaete chrysosporium</i> is Encoded by Two Allelic Variants," <i>Applied and Environmental Microbiology</i> , 63(2):796-799 (1997).	
	LI et al., "Cloning of a cDNA Encoding Cellobiose Dehydrogenase, a Hemoflavoenzyme from <i>Phanerochaete chrysosporium</i> ," <i>Applied and Environmental Microbiology</i> , 62(4):1329-1335 (1996).	
	LI et al., "Homologous Expression of Recombinant Cellobiose Dehydrogenase in <i>Phanerochaete chrysosporium</i> ," <i>Biochemical and Biophysical Research Communications</i> , 270:141-146 (2000).	
	MOLINA et al., "Biopulping for Kraft Pulp of <i>Pinus radiata</i> ," <i>Appita</i> , 57-63 (1996).	
	MOLINA et al., "Refining Blokraft Pulp of <i>Pinus radiata</i> ," <i>Appita</i> , 199-206 (1997).	
	MOUKHA et al., "Cloning and Analysis of <i>Pycnoporus cinnabarinus</i> Cellobiose Dehydrogenase," <i>Gene</i> , 234:23-33 (1999).	
	MYERS et al., "Fungal Pretreatment of Aspen Chips Improves Strength of Refiner Mechanical Pulp," <i>Tappi Journal</i> , 105-108 (1988).	
	NISHIBE et al., "Screening of White-rot Fungi and Characteristics of Bio-degraded TMP," <i>Japan Tappi</i> , 42(2):67-82 (1988).	Yes-Abstract Only
	ORIRAN et al., "Kraft Pulp and Papermaking Properties of <i>Phanerochaete Chrysosporium</i> -degraded Aspen," <i>Tappi Journal</i> , 73:147-152 (1990).	
	RAICES et al., "Cloning and Characterization of a cDNA Encoding a Cellobiose Dehydrogenase from the White Rot Fungus <i>Phanerochaete chrysosporium</i> ," <i>FEBS Letters</i> , 369:233-238 (1995).	
	SAMUELSSON et al., "Influence of Fungal Treatment on the Strength versus Energy Relationship in Mechanical Pulping," <i>Svensk Papperstidning nr 8</i> :221-225 (1980).	
	SCOTT and SWANEY, "New Technology for Papermaking: Biopulping Economics," <i>Tappi Journal</i> , 81(12):153-157 (1998).	
	SIMS et al., "The Identification, Molecular Cloning and Characterisation of a Gene from <i>Phanerochaete chrysosporium</i> that Shows Strong Homology to the Exo-Cellobiohydrolase I Gene from <i>Trichoderma reesei</i> ," <i>Gene</i> , 74: 411-422 (1988).	
	YAGÜE et al., "Correlation of Exons with Functional Domains and Folding Regions in a Cellulase from <i>Agaricus bisporus</i> ," <i>Curr. Genet.</i> , 30:56-61 (1996).	
/JE/	International Search Report for PCT Application No. PCT/JP03/02058, dated May 27, 2003 (2 pages).	

Examiner Signature	/Janet Epps Ford/	Date Considered	04/30/2007
--------------------	-------------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.